



Pinnacle Peak West Area Drainage Master Study

Study Area

- Contains numerous small and several large washes with complex drainage patterns.
- Features important recreational and preservation areas with broad plant and wildlife diversity.
- Over one-fifth of the area was mapped by the Federal Emergency Management Agency (FEMA) in the mid-1990s as being within the 100-year floodplain (1% chance of being flooded in a given year).
- About 7,500 private properties have structures located in a FEMA 100-year floodplain.

Need for Study

- Since the 1990s, there has been a significant increase in the number of homes and businesses in the area, potentially affecting the natural flow of stormwater.
- Homes have been flooded during heavy rainfall events over the past 10 years.
- Current FEMA 100-year floodplain maps are more than 20 years old in much of the study area. There is no up-to-date technical information of the flood hazards in the area today.
- Better scientific tools, updated rainfall data and more precise landform survey information are used today for identifying potential flooding hazards and modeling stormwater flow.

Project Goals

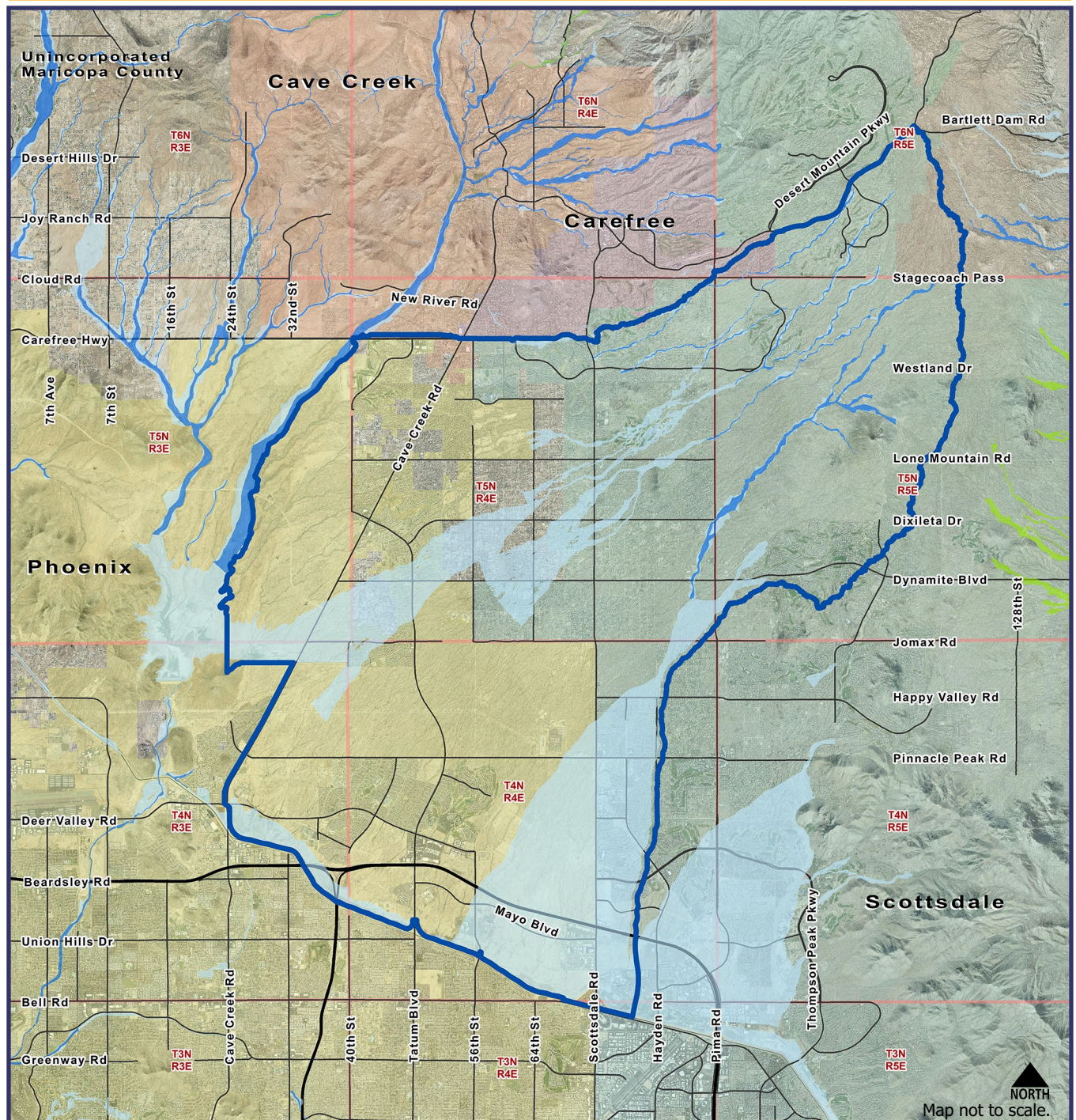
- Reduce flood risk for current and future residents and property owners by evaluating the existing flood hazards and risks, conducting public outreach, and generating potential solutions to reduce the flood risk.
- Minimize costs associated with flooding such as preventing the need for future public infrastructure and reducing potential flood damage costs for property owners.
- Improve the floodplain development and permitting processes by providing updated and easily accessible data on the existing flood hazards.

How to Get Involved

- Keep up-to-date with the project as it progresses by signing up to receive Flood Control District project updates via email at <http://eepurl.com/GCGCz>.
- Send us your flooding photos and videos of flooding in Maricopa County by using the Report a Flood tool (www.reportaflood.org); you can also view photos and videos of flooding in the county.

For more information, contact:

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Maricopa County Public Works GIS Division, 4/8/14

- Pinnacle Peak West ADMS Project Area - 95 Sq. Miles
- Pending FEMA Floodplains
- FEMA Floodway
- FEMA Floodplain
- Highway
- Ramp
- Arterial
- Township & Range